PUBLIC WORKSHOP

2012 Agricultural Water Use Efficiency Final Proposal Solicitation

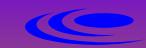


October 19, 2012—Sacramento

Webinar:

https://resources.webex.com/resources/j.php?ED=191013782&UID=0&RT=MiM0





Purpose of Workshop

- Review Guidelines in the Final Proposal Solicitation Package (PSP)
- Provide information on schedule, submittal, review, and selection process



Goals and Objectives

GOAL: Water Use Efficiency

- Reduce irrecoverable losses
- Achieve multiple benefits
- Improve local flexibility
- Build on existing water use efficiency programs



Eligibility Requirements

- Must be an eligible applicant
- Must submit an eligible project
- Project must have Benefits
- Minimum 20 % local cost share (section A)
- Submitted application is public information
- Must comply with applicable laws and regulations



Eligible Applicants

Entities involved with water management including:

- Sections A & B Cities, counties, Joint Powers Authorities (JPAs), public water/irrigation districts, tribes, nonprofit organizations (including water management groups), and other political subdivisions of the State
- Section A Only Investor-owned utilities regulated by CPUC and mutual water companies (these entities must have clear and definite public purpose and benefit customers)
- Section B Only Universities and colleges, State, and federal



Eligible Projects

- Section A (Implementation Projects):

Ag Water Use Efficiency Projects that result in State benefits:

- Water savings
- Increased in-stream flow
- Improved water quality
- Increased energy efficiency
- Section B (Other Projects):
 - SBX7-7-compliant Ag. Water Management Plans
 - Feasibility Studies and Pilot Projects
 - Research and Development
 - Training, Education, and Public Outreach



Project Priority

- Implement Agricultural EWMPs (SBX7-7)
- Address multiple benefits
- Reduce current or future diversions from the Delta
- Improve local water supply reliability
- Conserve energy and help reduce GHGs



Ineligible Projects

The funding source limits eligibility to water conservation projects.

Many worthwhile water conservation actions are not eligible:

Section A and B:

- Wellhead rehabilitation
- New storage tanks providing expanded capacity
- Water supply development
- Water treatment
- Wastewater treatment
- Flood control
- Conjunctive use
- Recycled water Does not include agricultural water reuse



Ineligible Projects cont.

- Groundwater banking
- Replacement of funding sources for on-going projects
- Political advocacy
- Purchase of water
- Establishment of reserve fund
- Applicant's litigation costs
- Projects that do not achieve State benefits

Section A:

Projects with life-span less than 10 years



Funding Rules

- Reasonable Admin Costs (5-10%)
- Contingency no more than 10% per category
- Section A: locally cost-effective projects limited to 20% of funds under Section A
- Section B: costs for buildings ineligible



Funding Rules cont.

- Construction projects CA registered civil engineer prepared Plans and Specifications
- Capital outlay tied exclusively to project
- Purchase of project-specific equipment may be eligible
- Rebates to Applicant's customers may be eligible





Compliance with Applicable Laws and Regulations

- Ag Water Measurements Regulation (CCR 597 et seq.)
- SBX7-7: Efficient Water Management Practices (EWMPs), Ag Water Management Plan (AWMP)
- Groundwater monitoring (CWC 10920 et seq.)
- Surface Water Diversion Reporting (CWC 5100 et seq.)



Compliance cont.

- Labor Code Compliance
- State Conflict of Interest Laws all team members
- Confidentiality all public information
- Intellectual and Proprietary Rights must be waived
- Environmental Documentation
 - A plan for compliance with environmental requirements must be included
 - Estimation of GHG emissions required (Attachment 12)



Target Distribution of Funds

Project Type	Available Funding	Funding Cap Per Project
Section A –		
Implementation Projects	\$10,000,000	\$2,000,000
Section B –		
Research and Development Feasibility Studies Pilot or Demonstration Projects Training, Education, or Public Outreach Programs Technical Assistance Programs	\$3,000,000	\$200,000
Planning Grants (Preparation of SBX7-7 AWMP)	\$2,000,000	\$50,000



Cost Share

Cost Share = Funds made available by the grant recipient from non-State sources. May include but not limited to:

- Federal funds
- Local funds
- Donated services from non-State sources

Project Duration

- Incorporate timeline in contract
 - May be multi-year, if applicable
 - Project duration by task
 - Completion within 3 years from signing
- Signing may take at least 6 months
- Funds available after completion of award process and contingent upon successful sale of State General Obligation Bonds.



Agreement Requirements

- Standard Terms and Conditions
 - Specified by authorizing legislation and DWR policies and procedures
 - Work on project prior to final execution of agreement is at Applicant's own risk:
 - Costs incurred after award but before agreement signing are eligible for reimbursement at DWR's discretion
 - Costs incurred BEFORE award are not eligible



Agreement Requirements cont.

- Reports (Exhibit III)
 - Quarterly fiscal and programmatic reports
 - Comprehensive Final Report
 - Section A: annual benefit and cost reports for 5 years after completion encouraged
 - All information under contract is public



Agreement Requirements cont.

Cost-Share Commitment Letter

- Institutional cost-sharing agreement signed by an authorized official, or
- In-kind contribution signed by authorized third party official

Signed Resolution

From governing board accepting funds and designating a representative



Schedule

September 17, 2012	Public Workshop for Draft PSP - Fresno
September 21, 2012	Public Workshop for Draft PSP - Sacramento
September 21, 2012	Comments on Draft PSP Due
October 11, 2012	Final PSP Released
October 19, 2012	Public Workshop / Webinar for Final PSP
November 21, 2012	Proposals Due
November 21, 2012 March, 2013*	Proposals Due Announce Draft Funding Awards (Except Section B / AWMPs)
*	Announce Draft Funding Awards (Except Section B /
March, 2013*	Announce Draft Funding Awards (Except Section B / AWMPs)
March, 2013* March, 2013	Announce Draft Funding Awards (Except Section B / AWMPs) Public Workshops for Draft Funding Awards - Sacramento

^{*} Planning Grant proposals reviewed and awarded on expedited schedule with final funding decision by December 2012

Application



Application Development

- Create BMS/GRanTS account on-line
- Application consists of BMS/GRanTS and hardcopy:
 - Attachment 1 Signature Page
 - Attachment 2 Priority and Consistency with CALFED Goals (Statement of Work)
 - Attachment 3 Technical/Scientific Merit
 - Attachment 4 Project Description (Statement of Work)
 - Attachment 5 Monitoring Plan (Statement of Work)
 - Attachment 6 Project Costs (Statement of Work)
 - Attachment 7 Project Benefits (Statement of Work)
 - Attachment 8 Disadvantaged Community
 - Attachment 9 Qualifications of Applicants and Cooperators



Application Development

- Attachment 10 Outreach, Community Involvement and Acceptance
- Attachment 11 Innovation
- Attachment 12 GHG Emission Calculations
- Attachment 13 Project Plans, Specifications, and Environmental Documents
- Attachment 14 Compliance with SB X7-7, AB1404, AB1420, and Other Requirements

For BMS / GRanTS application instructions, visit DWR web site:

http://www.water.ca.gov/bms/



Application Development

Application Limits:

- 20 pages, single-spaced, consecutively-numbered
- 12-point font or larger, 8 ½ x 11 inch paper
- Attachments 8 and 12-14 (if applicable), maps, photographs, figures, or resumes are NOT included in the page limit.
- Attachment 1 must be submitted with the hardcopy
- Attachments 2, 4, 5, 6, 7, and 9 may be incorporated into the contract of awarded projects

Attachment 2 – Priority and Consistency with PSP Goals

- Show consistency with funding priorities
- Proposed objectives should be:
 - Specific
 - Measureable
 - Attainable
 - Relevant
 - Have a timeline of tasks

Attachment 2 will become part of the Contract Language Statement Of Work



Attachment 3 – Technical/Scientific Merit

- Provide enough information, including previous work/publications, to evaluate feasibility and technical adequacy:
 - Approach
 - Methods
 - Procedures
 - Monitoring and evaluation
 - Costs and benefits to satisfy objectives
- Applicant's readiness to proceed

Attachment 4 – Project Description

- Identify project type and describe water conservation measures/components
- Provide project plan and describe:
 - Nature of the work
 - Tasks; subdivide as applicable
 - Procedures
 - Materials, equipment, facilities
- Schedule corresponding to tasks
- Anticipated water savings (AF/year)
- Energy savings/effect

Attachment 4 will become part of the Contract

Language Statement Of Work



Attachment 4 – Project Description cont.

Section B additional information:

- Technical Assistance Projects: scope, target recipients, and purpose for assisting
- Feasibility Studies, Pilot and Demonstration Projects: description of needs and purpose, comparison of major alternatives considered, why project selected. Include detailed method for evaluations.

Attachment 4 – Project Description cont.

- Research and Development: hypothesis, background, monitoring and analysis
- Training, Education, or Outreach Programs: clear scope, materials used or developed, strategy to implement on statewide basis

Attachment 4 will become part of the Contract Language
Statement Of Work



Attachment 5 – Monitoring Plan

Goals:

- Provide for monitoring and evaluation of project performance
- ID measures that can be used to monitor progress
- Provide a tool for Applicants to monitor and measure progress
- Document project benefits
- Provide assurance the project will meet intended goals, achieve measureable benefits, provide value to the State.

Attachment 5 will become part of the Contract

Language Statement Of Work



Attachment 6 – Project Costs

- Fill in Tables 1 to 3; use additional sheets to describe cost of items, all major assumptions, methods, computations, and other relevant cost information
- Project costs for each major task/subtask corresponding to the project task/subtask description and schedule in Attachment 4.

<u>Tables 1, 2, and 3 of Attachment 6 will become part of the Contract Language Statement Of Work</u>

Attachment 6 – Project Costs

- Enter project costs by year (up to maximum of 3 years)
- Complete shaded cells in Tables:
 - State share of project costs
 - Applicant's (local) minimum cost share (calculated in Table 6 of Attachment 7)
 - Contingency no more than 10% for each cost category
 - Life of investment (in years)
- All capital costs converted to present value (2012 dollars) using the capital recovery factor (based on a 6% discount rate)



Attachment 7 – Project Benefits

- Projects must create benefits to be eligible for grant funding
- Complete Tables 4 through 7
- Must use scientific methods and published reliable data to quantitatively estimate expected local benefits and Bay-Delta System benefits
- Document rational for quantification and/or qualification of benefits; include assumptions, calculations, references, and other pertinent information used to arrive at estimates

Attachment 7 – Project Benefits cont.

- For qualitative benefits, include the following:
 - Make compelling case for not quantifying
 - Identify type of benefit (see Table 4), time pattern and location where the benefit will be realized, duration of the benefit to each beneficiary
- Section B projects, include in the Qualitative Description of Table 4
 - Potential benefits and information to be gained in terms of water use efficiency
 - How it would contribute to or support CALFED goals
 - How information is transferable to other parts of the State.

Attachment 8 – Disadvantaged Community

- Reduction or waiver of cost share for Disadvantaged communities (Section A projects only)
- Population served Median Household Income less than \$48,706
- To request a reduction or waiver:
 - Complete Attachment 8
 - "Yes" in Table 6 for disadvantaged community
 - Select the State and reduced local shares calculated in Table 7 (also, see Exhibit II).

Attachment 9 – Qualifications of the Applicants and Cooperators

- Identify and describe the role of any external cooperators
- Include a resume(s) of project manager(s) at end of proposal, each not exceed 2 pages
- List any previous State or federal water use efficiency grant projects participated in
- Consideration will be given to prior performance in water use efficiency programs including any current applications with other agencies

Attachment 10 – Outreach, Community Involvement and Acceptance

- Must coordinate with local governments and other local entities
- Proposals part of an IRWMP are encouraged
- Describe plan for public outreach to potentially affected groups or individuals
- Identify groups/organizations that are aware of the project and their level of support/opposition
- Identify potential third party impacts
- Estimate the number of people/organizations expected to receive social or economic benefits
- Describe any opposition to the project

Attachment 10 – Outreach, Community Involvement and Acceptance cont.

- Section B Projects: Describe how information and results will be disseminated
 - Investigation of new technologies, methodologies, approaches, institutional frameworks
 - Quantification of existing water use efficiency projects
 - Market transformation studies conducted exclusively in a laboratory or office

Attachment 11 – Innovation

Describe any innovative technologies or methodologies to be employed that could contribute to improved efficiencies in projects throughout the State

Attachment 12 – GHG Emission Calculations

- Energy savings = savings in electricity use and fossil fuel consumptions (diesel, natural gas, gasoline, etc.)
- If the project generates renewable energy, add the amount of renewable energy to the category of electricity saving
- To convert the energy/fuel savings to the avoided Greenhouse Gas (GHG) emissions:

GHG Emission Reduction = (Energy Savings) x (Emission Factor)

or

GHG Emission Reduction = (Fuel Savings) x (Emission Factor)



Attachment 13 – Project Plans, specifications, and Environmental Documents

Plans and Specifications

- Final Plans and Specifications or Preliminary Plans and Specifications if Final Plans and Specifications are not complete
- Preliminary Plans at a minimum include types and quantities of materials, dimensions, and location
- California registered civil engineer must prepare the Plans, Specifications, and Certification Statements
- Submit by mail with the original hard copy



Attachment 13 – Project Plans, specifications, and Environmental Documents cont.

Environmental Documents

- Include detailed plan for compliance with all applicable environmental requirements
- Address compliance with CEQA and, if applicable, NEPA
- Address compliance with local, county, State, and federal permitting requirements including local grading, Section 404 of the Clean Water Act, Department of Fish and Game 1600, and others
- A schedule for completion of all applicable environmental documentation
- Submit by mail with the original hard copy

Attachment 14 – Compliance

		Yes/No If yes, describe compliance
1	Are you an agricultural water supplier serving irrigated acreage of more than 10,000 acres excluding recycled water? If yes, did you submit an Agricultural Water Management Plan to DWR (See DWR Guidebook to Assist Water Suppliers at www.water.ca.gov/wateruseefficiency/sb7/committees/ag/a6/)	
	Are you an agricultural water supplier supplying 2,000 acre-feet or more of surface water annually for agricultural purposes or serving 2,000 or more acres of agricultural land. If yes, did you submit AB1404 aggregate farm-gate delivery to DWR? (See DWR Guidebook to Assist Water Supplier, section E at www.water.ca.gov/wateruseefficiency/sb7/committees/ag/a6/)	
3	Are you an agricultural water supplier serving irrigated acreage of more than 25,000 acres excluding recycled water? If yes, did you comply with the Agricultural Water Measurement Regulation? (See DWR Guidebook to Assist Water Supplier, sections C-E at www.water.ca.gov/wateruseefficiency/sb7/committees/ag/a6/)	
4	Are you an urban water supplier? If yes, are in compliance with: - AB1420 requirements? (See www.water.ca.gov/wateruseefficiency/finance/)	
	 Water Meter Requirements in CWC §525 et seq.? (See www.water.ca.gov/wateruseefficiency/finance/) 	
5	Are you in compliance with CWC §10920 et seq Groundwater Monitoring Program requirements? (See www.water.ca.gov/groundwater/casgem/)	
6	Are you in compliance with Part 5.1 (commencing with §5100) of Division 2 of the CWC Surface Water Diversion Reporting requirements? (See www.waterboards.ca.gov/waterrights/water_issues/programs/diversion_use/index.shtml)	

Scoring



Project Benefits—55 points

1. How well does the proposal address the priorities of the PSP?	20
2. How significant is the quantity of the State's Benefit? How does the quantity of the benefit provided compare with other proposals or with other WUE projects? How accurately benefits are estimated?	10
3. Based on the proposals statement of work and project description, how likely will the quantity of benefits estimated in the proposal be achieved?	10
4. How well does the project provide multiple benefits? Water savings, water quality, and energy savings / GHG emissions reduction?	5
5. How well will the project monitor and verify project results?	10

Project Costs—40 points

1. How reasonable are the projects costs? How accurately were the local monetary benefits estimated?	10
2. How closely has the applicant matched the project's local cost share to the local monetary benefit?	15
3. How does the State's benefit to cost ratio compare with other proposals in the funding category?	15



Innovation—5 points

Does the project offer a new technology, method, or system that has not yet been tested in California?

5



Project Benefits—50 points

1. Will the information gained from the project (research, feasibility studies) or the information disseminated by the project (technical assistance, education) address the priorities of the PSP? Is the planning project compliant with SB X7-7?	25
2. Will the information gained or the information disseminated result in potential benefit to the state?	10
3. Based on the proposal's statement of work, how reasonable and realistic are the proposal's estimates of potential benefits?	10
4. How well will the results of the project contribute towards providing multiple benefits? Water quality, energy savings/GHG emissions reduction as well as water savings?	5

Project Costs—40 points

1. How reasonable are the project costs?	20
2. How well does the proposal's ratio of potential State	
benefits to project costs compare with other proposals in	20
the funding category?	



SECTION SECTIO

Innovation—10 points

Does the project offer a new technology, method or system that has not yet been tested in California?

10





Submittal



Submittal Process

- On-line Submittal Only + one hardcopy to DWR
- Must use BMS/GRanTS
- Need to obtain User Name & Password
- Complete BMS/GRanTS questionnaire
- Submit Attachments 1 through 12, and 14 via BMS/GRanTS
- Submit Attachments 1 through 14 with hardcopy

Submittal Process

At least one file for each ATTACHMENT (required by BMS)

- Attach. #8—when not applicable, just include a "N/A" note.
- Attach. #13—just include a list of documents (plans and specs) sent by mail or a "N/A" note.
- Same for Attachments not required for AWMP proposals just include a "N/A" note.

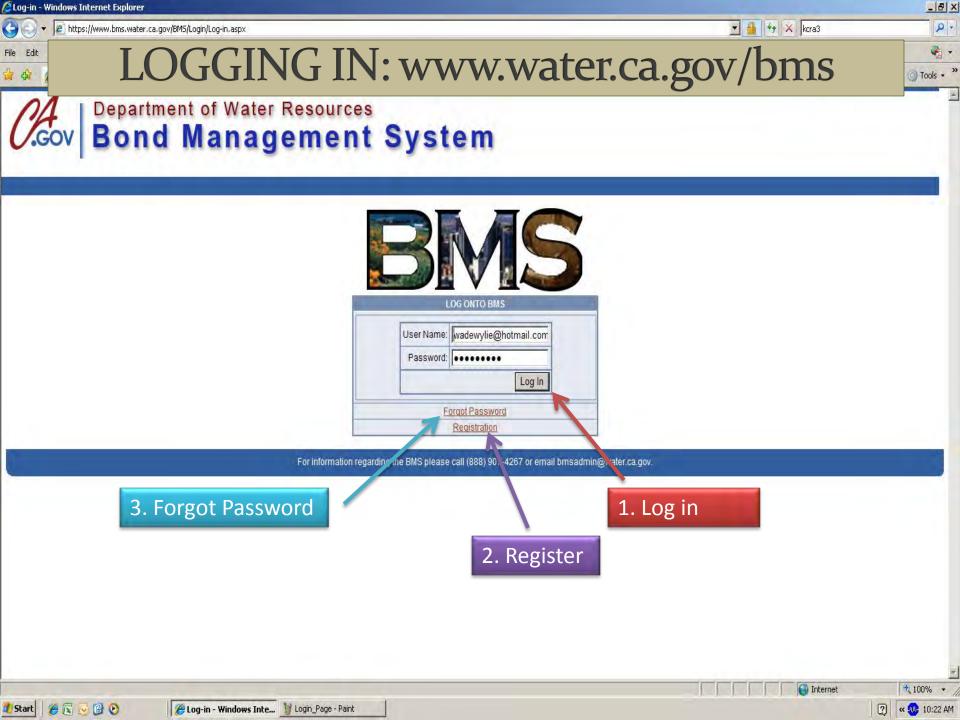
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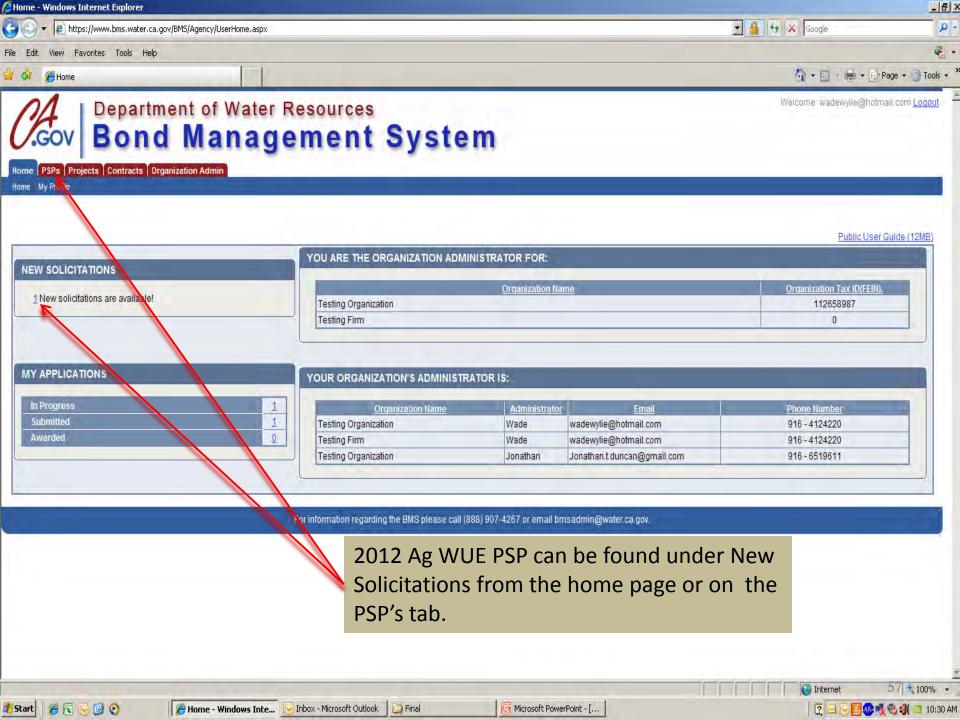
Introduction to BMS www.water.ca.gov/bms

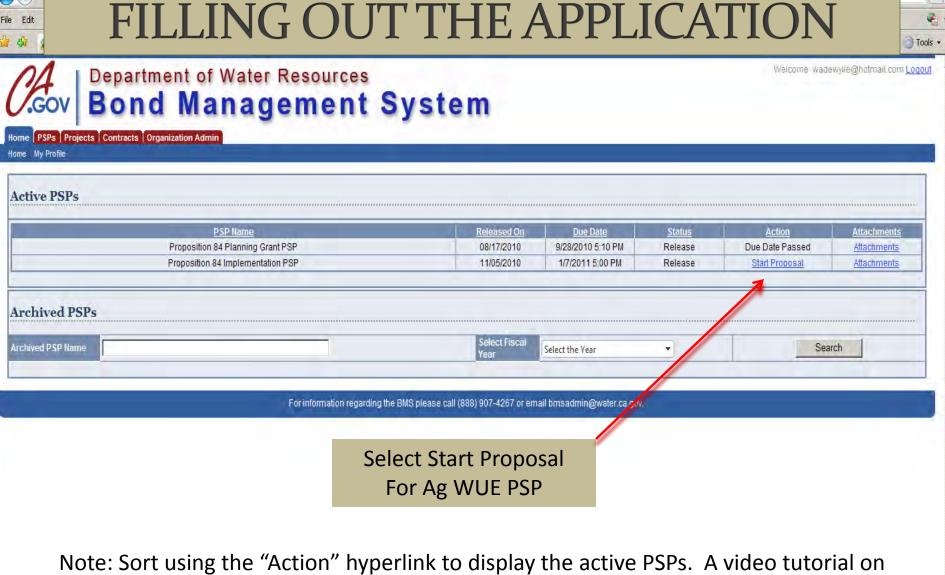


- LOGGING IN TO BMS
- FILLING OUT THE APPLICATION
- REGISTER IN BMS
- GETTING ACCESS TO YOUR ORGANIZATION OR CLIENT'S APPLICATION
- RECOVERING A LOST PASSWORD

Helpdesk: 1-888-907-4267 or GRanTSadmin@water.ca.gov





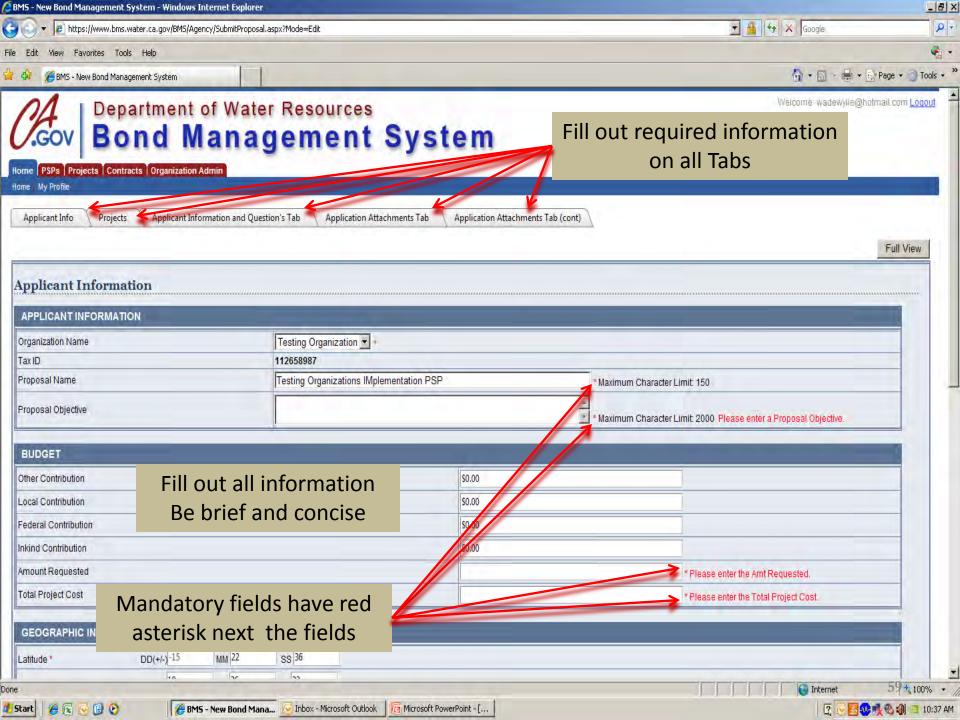


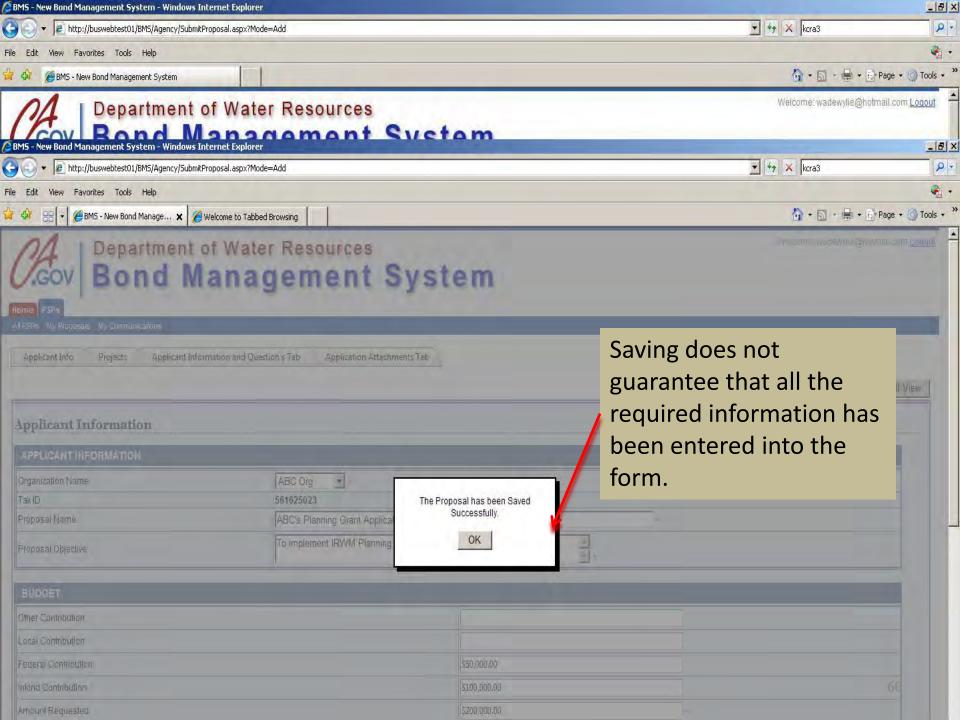
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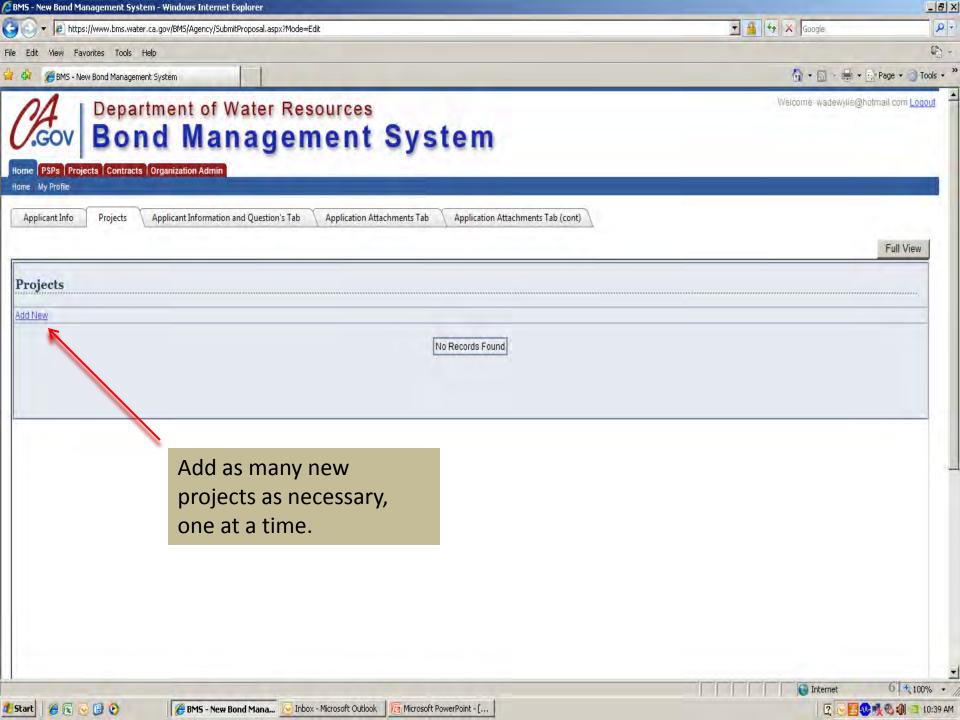
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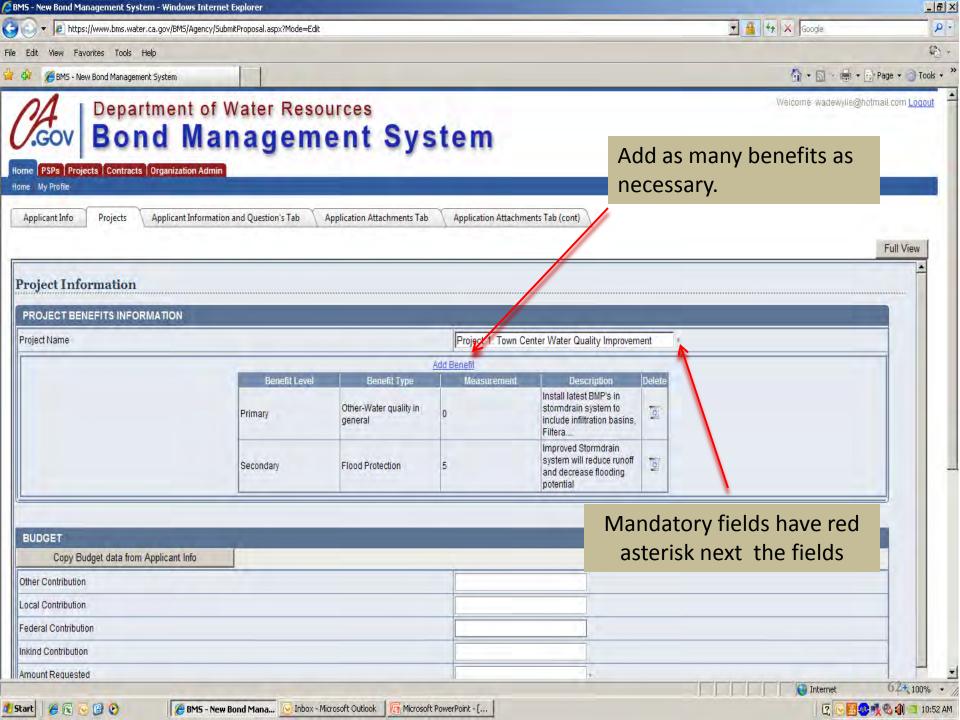
completing a grant application is available at http://www.water.ca.gov/bms/docs/CreateProposalv2/Create%20Proposalv2.html

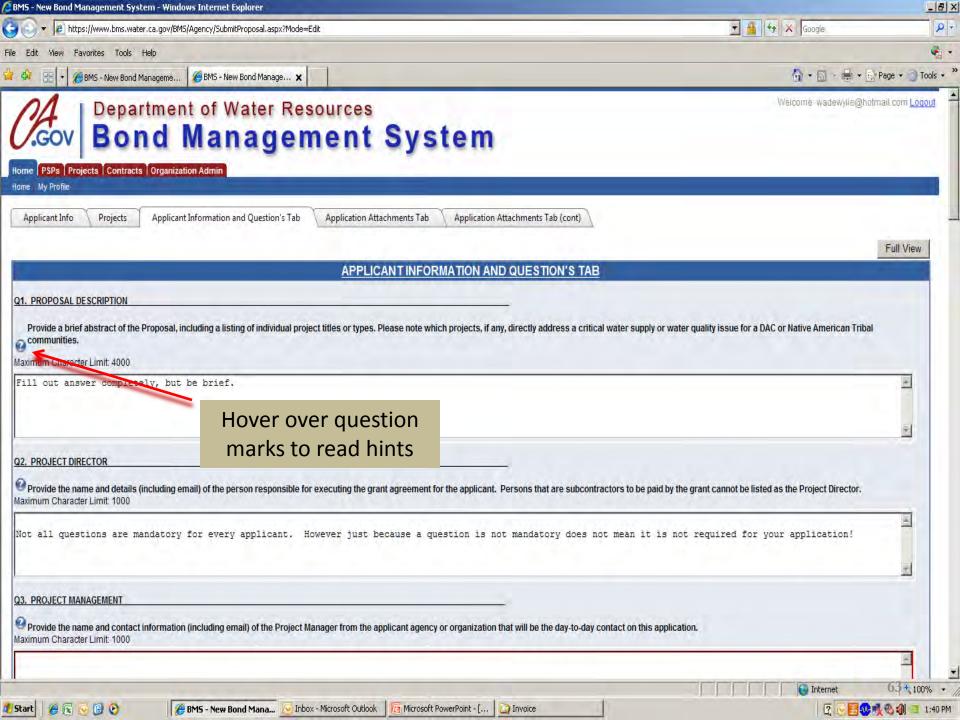


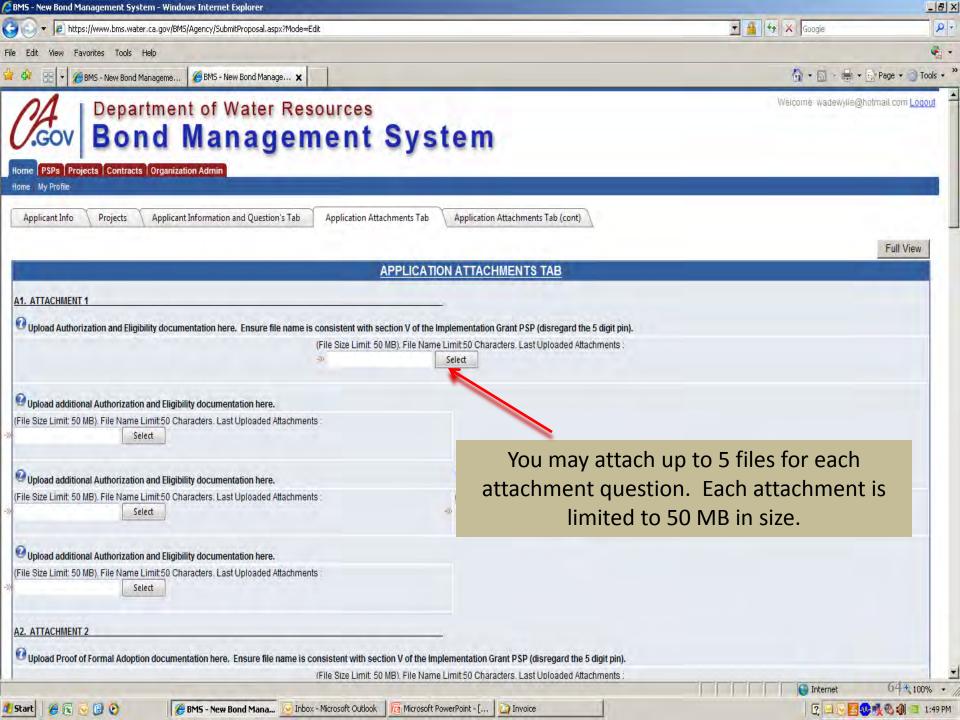


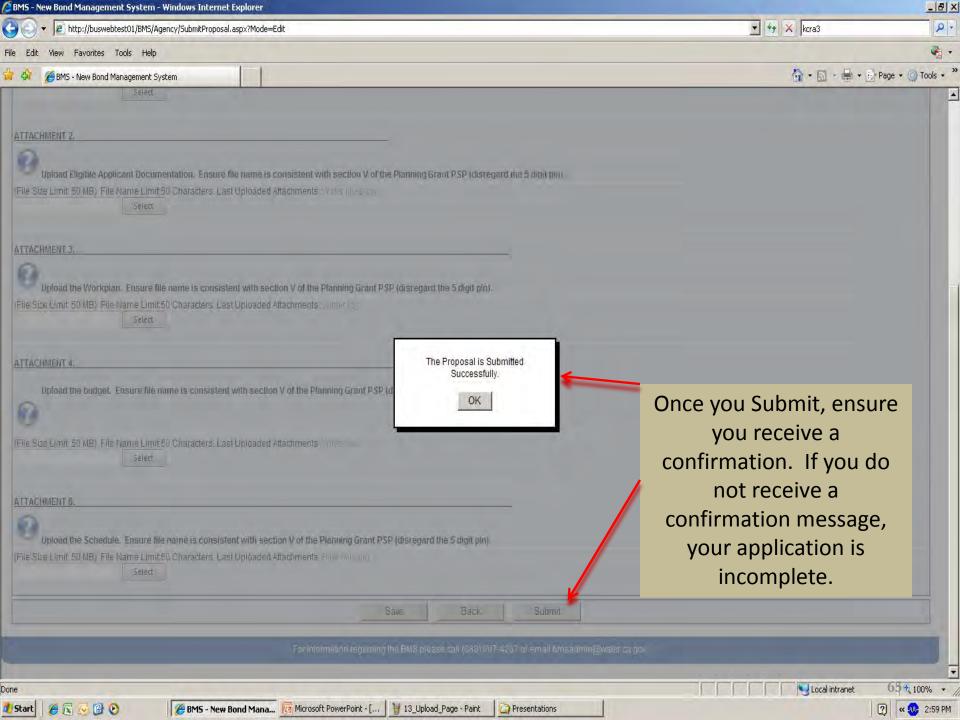


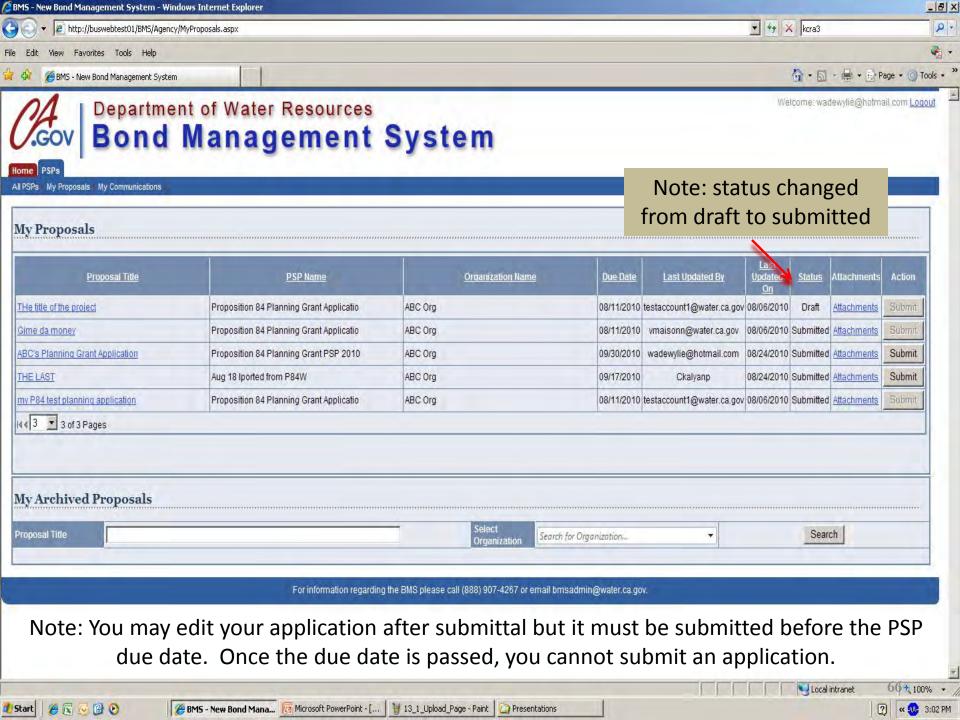


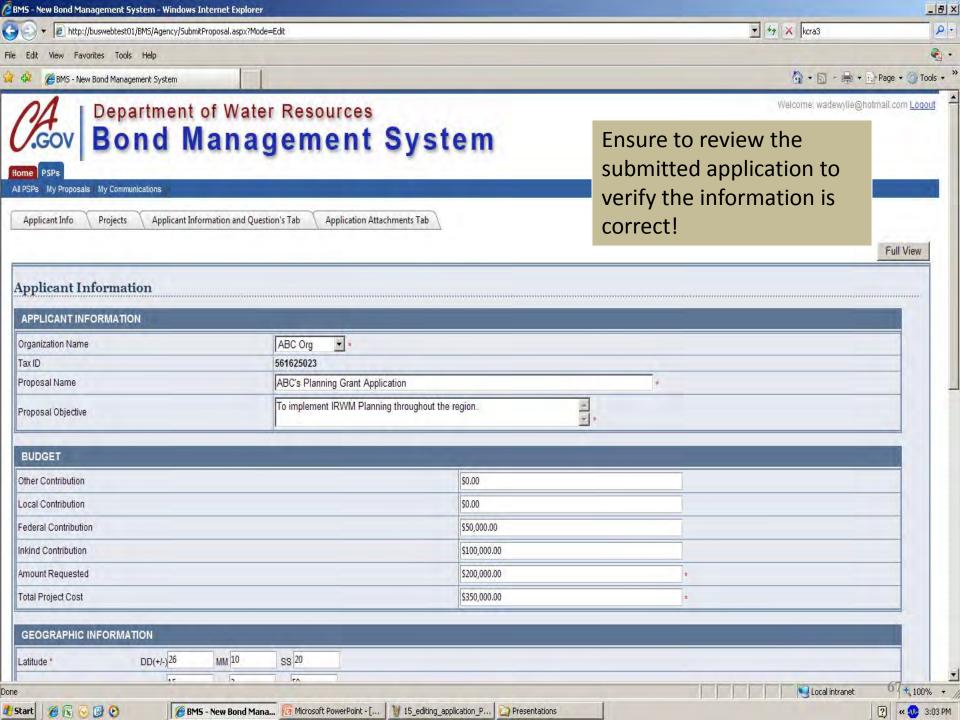


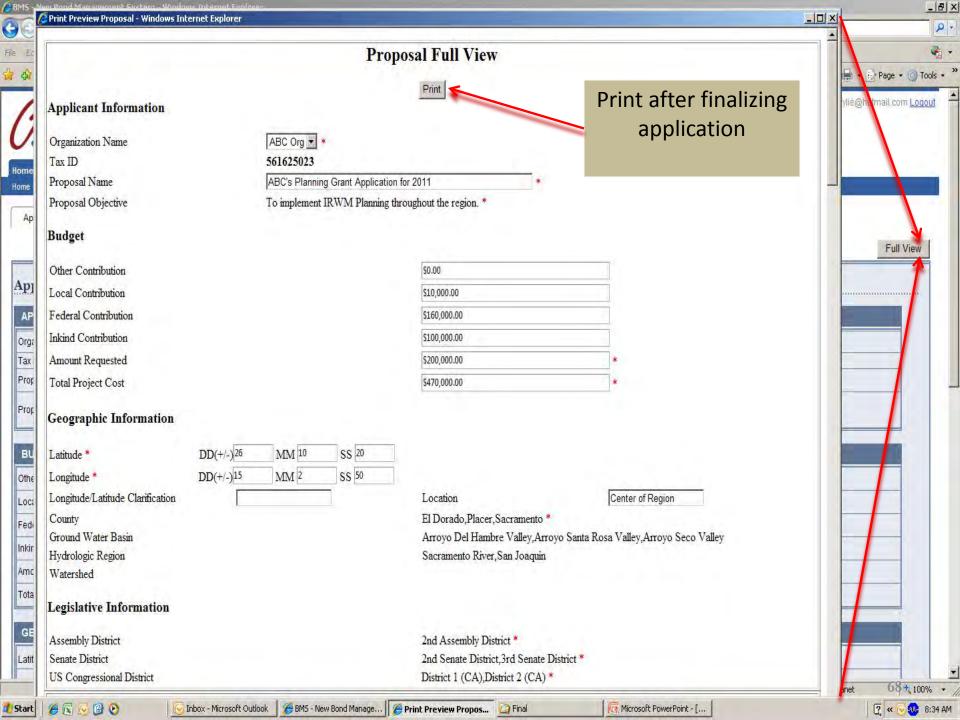




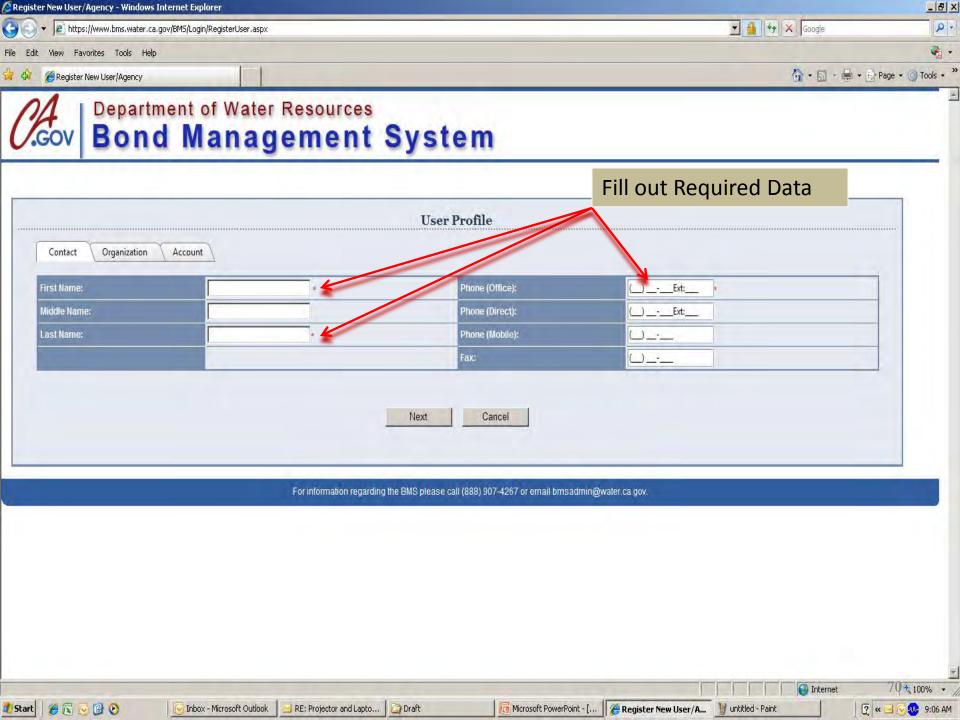


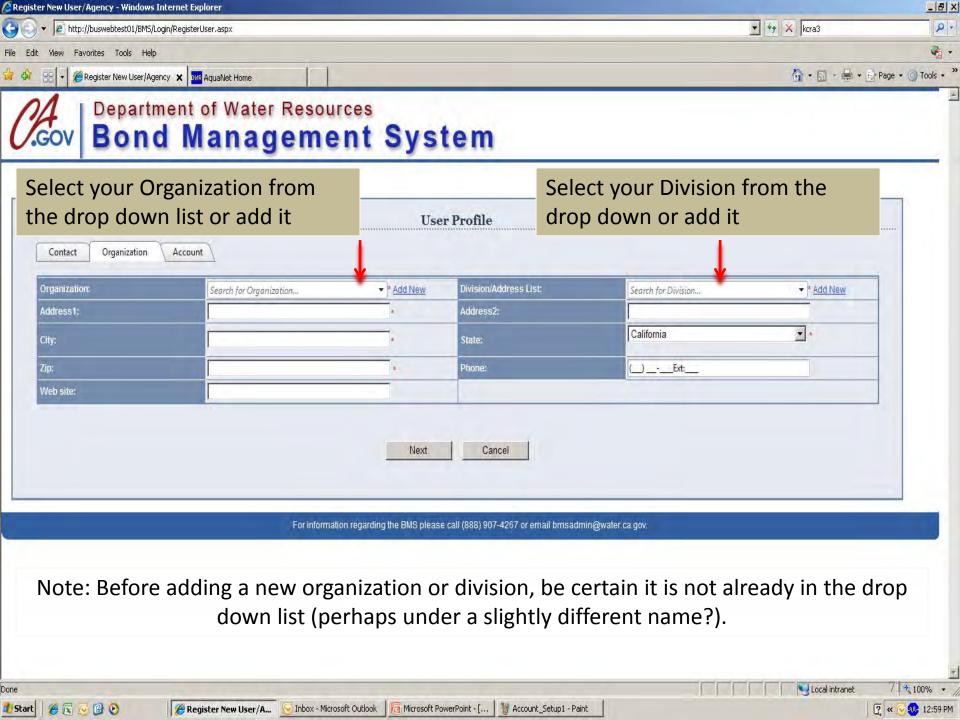


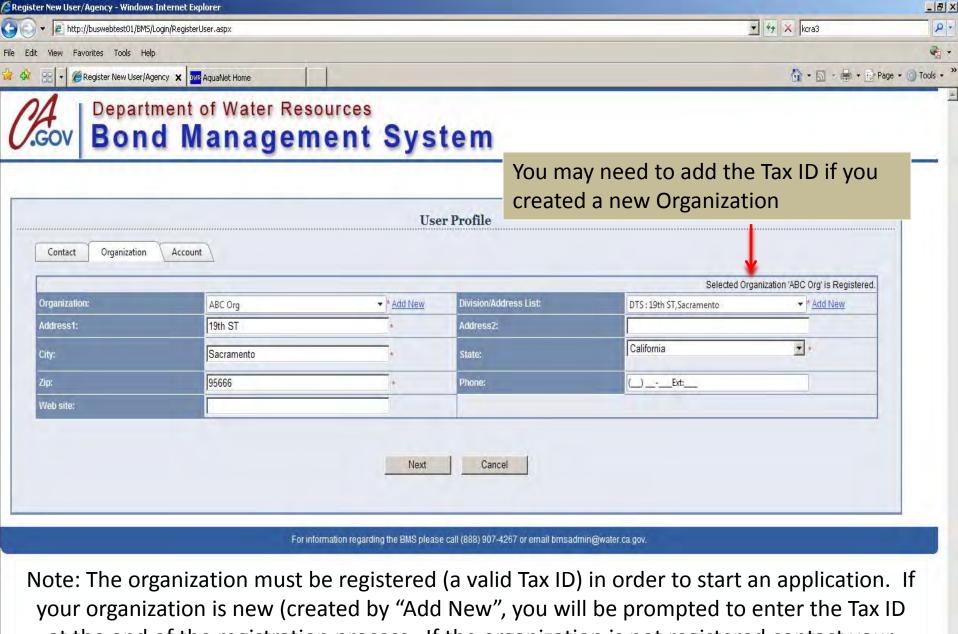








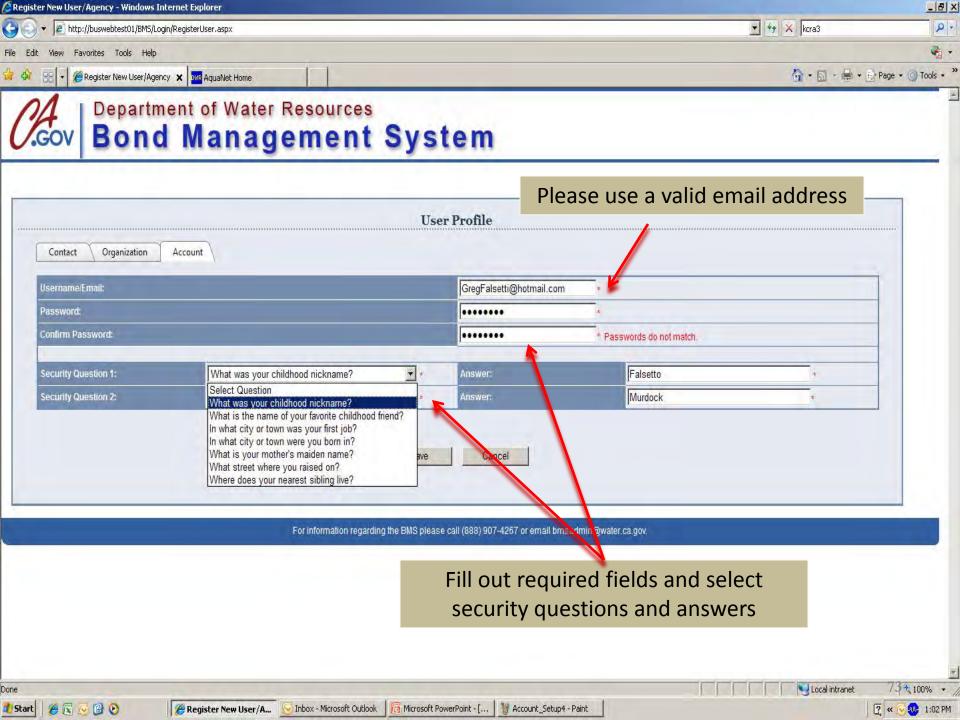


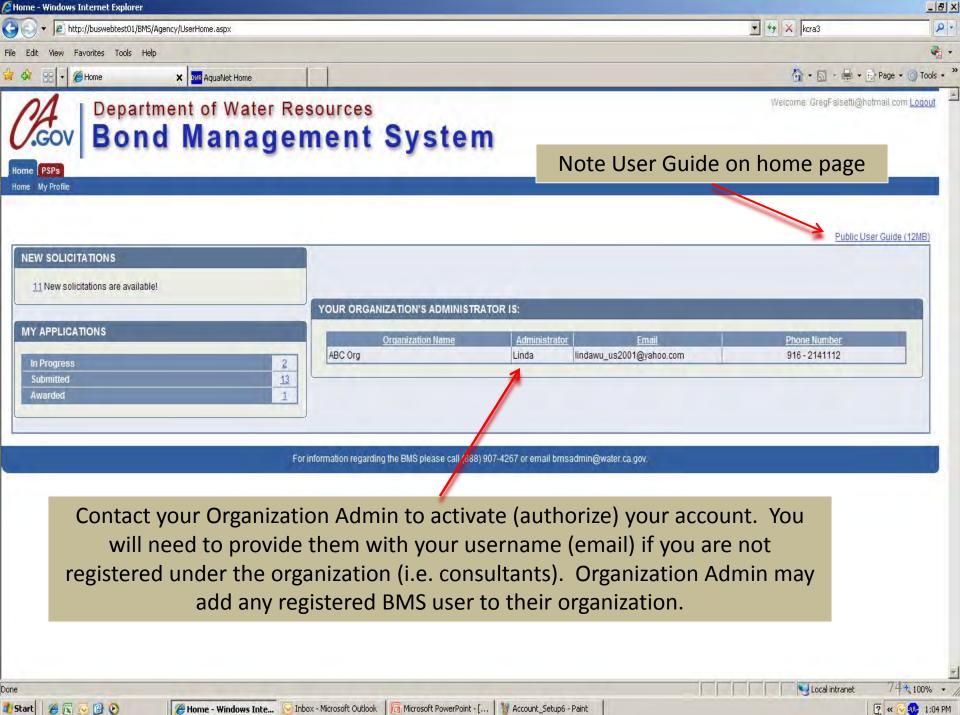


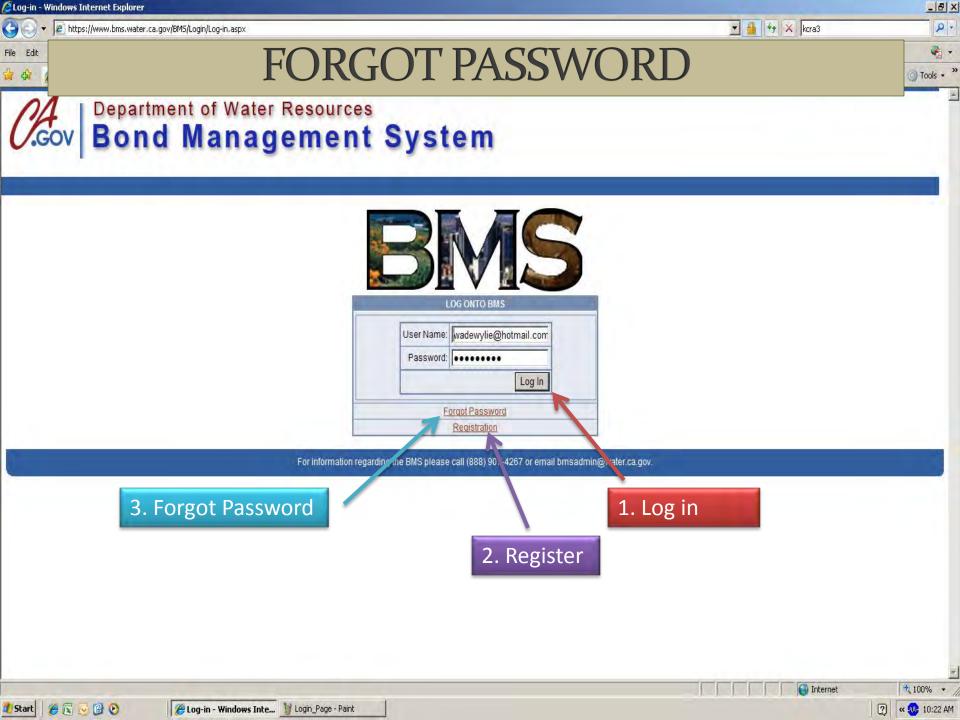
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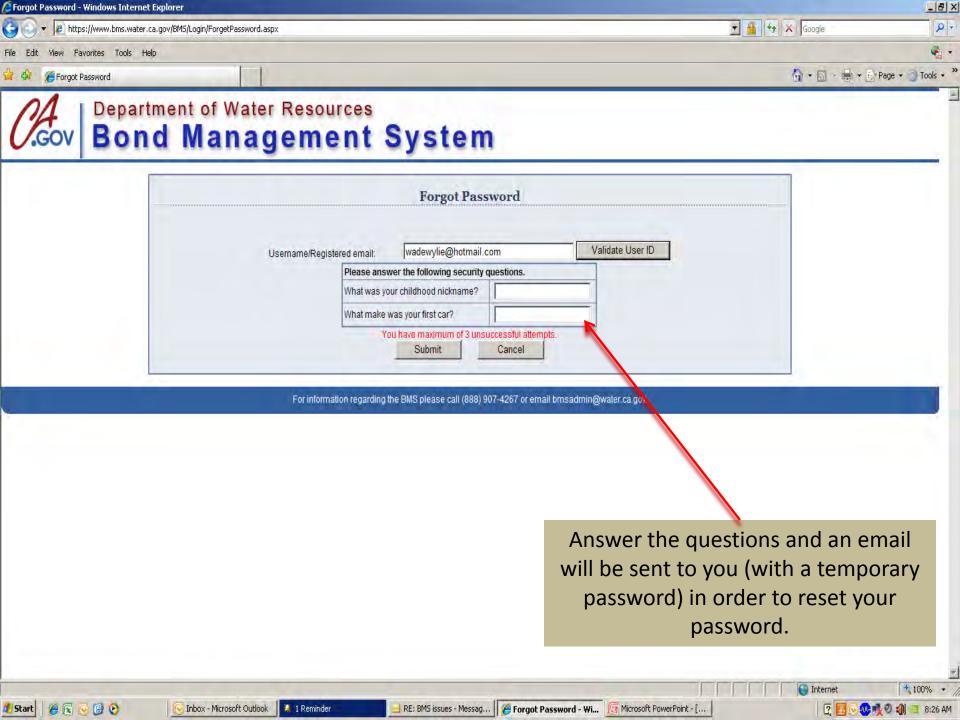
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2012 Ag WUE: www.water.ca.gov/bms

For assistance with BMS contact the Helpdesk at 1-888-907-4267 or GRanTSadmin@water.ca.gov (see http://www.water.ca.gov/bms for additional information)

For assistance regarding the PSP please contact Fethi Benjemaa at (916) 651-7025 or AgWUE@water.ca.gov

Questions?

- For questions on the Grant Program and Application Process:
 - Fethi BenJemaa (916) 651-7025
 - Email: AgWUE@water.ca.gov
- For questions on the BMS/GRanTS Submittal:
 - Jim Lin (916) 651-7201
 - Email: AgWUE@water.ca.gov

